

## Certificate of Analysis

Date of Testing: 2022-07-08 11:01:06  
Date of Next Testing: 2024-06-27 11:01:06  
Product Name: **Trimethylamine solution**  
CAS Number: 75-50-3(Water)  
Specifications & Purity: Analytical Reagent,30 wt. % in H2O  
Lot #: F2213005  
SKU #: **T108428**  
**Analysis: 091709**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.05 (%)	0.03 %
Lead(Pb)	0-10 (ppm)	4.20 ppm
Cadmium(Cd)	0-1 (ppm)	0.32 ppm
Novolatile	0-0.005 (%)	0.00 %
(As)Arsenic	0-3 (ppm)	1.10 ppm
Mercury(Hg)	0-1 (ppm)	0.02 ppm
Color test (APHA)	0-100	10.00
Purity(Titration by HCl)	29-35 (%)	31.30 %
Appearance (T108428)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager